8401.34 file

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION	SITE NUMBER (To be assigned by HQ)
6	OK 1911

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335), 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME: Sun Refining & Marketing Co. (aka Tulsa Refinery)
B. STREET (or other identifier): 1700 South Union
C. CITY: Tulsa
D. STATE: OK
E. ZIP CODE: 74102
F. COUNTY NAME: Tulsa

G. SITE OPERATOR INFORMATION
1. NAME: Sun Refining & Marketing Co.
2. TELEPHONE NUMBER: (918) 586-7374
3. STREET: 1700 South Union
4. CITY: Tulsa
5. STATE: OK
6. ZIP CODE: 74102

H. REALTY OWNER INFORMATION (if different from operator of site)
1. NAME: (Same)
2. TELEPHONE NUMBER:
3. CITY:
4. STATE:
5. ZIP CODE:

I. SITE DESCRIPTION
Old sludge landfill adjacent to Arkansas River (see VIII U)

J. TYPE OF OWNERSHIP
☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.):
B. APPARENT SERIOUSNESS OF PROBLEM
☐ 1. HIGH ☐ 2. MEDIUM ☒ 3. LOW ☐ 4. NONE

C. PREPARER INFORMATION
1. NAME: J. Paul Oxer
2. TELEPHONE NUMBER: (214) 742-6601
3. DATE (mo., day, & yr.): May 24, 1984

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION
1. NAME: J. Paul Oxer
2. TITLE: FIT - Civil Engineer
3. ORGANIZATION: Ecology and Environment, Inc., 1509 Main St., Dallas, TX 75201
4. TELEPHONE NO. (Area code & no.): (214) 742-6601

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.
Suzanne R. Cantor	Ecology and Environment, Inc.	(214) 742-6601
Sidney G. Cabbiness	Sun Refining & Marketing Co.	(918) 586-7574

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS
George Myers	Environmental Coordinator (918) 586-7374	Box 2039, Tulsa, OK 74102

9527356

Continue On Reverse

Continued From Front

III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (sources of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
Sun Refining	(918)586-7374	1700 S.Union, Tulsa, OK 74102	Refining waste

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
N/A			

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS
N/A		

G. DATE OF INSPECTION (mo., day, & yr.)	H. TIME OF INSPECTION	I. ACCESS GAINED BY: (credentials must be shown in all cases)
2-22-84	0900-1200 hrs	[X] 1. PERMISSION [ ] 2. WARRANT

J. WEATHER (describe)

Clear 55 - 60°F.

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER (specify)	x	No samples taken during this inspection.	

B. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS
None		

Continued From Page 2

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS: [X] a. GROUND [ ] b. AERIAL

2. PHOTOS IN CUSTODY OF: EPA Region VI, Dallas, TX (attached)

D. SITE MAPPED?

[X] YES, SPECIFY LOCATION OF MAPS: Jenks Quadrangle
OK - Tulsa Co.
7.5 minute series (attached)

E. COORDINATES

1. LATITUDE (deg.-min.-sec.): 36° 07' 25"N

2. LONGITUDE (deg.-min.-sec.): 95° 59' 33"W

V. SITE INFORMATION

A. SITE STATUS

[ ] 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)

[X] 2. INACTIVE (Those sites which no longer receive wastes.)

[ ] 3. OTHER (specify): (Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

[ ] 1. NO [X] 2. YES (specify generator's four-digit SIC Code): 2911 (adjacent oil refinery)

C. AREA OF SITE (in acres): 17.8

D. ARE THERE BUILDINGS ON THE SITE?

[X] 1. NO [ ] 2. YES (specify):

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

X	A. TRANSPORTER	X	B. STORER	X	C. TREATER	X	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION	y	1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS./TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		
	N/A		N/A		N/A		

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

[ ] 1. STORAGE [ ] 2. INCINERATION [X] 3. LANDFILL [ ] 4. SURFACE IMPOUNDMENT [ ] 5. DEEP WELL

[ ] 6. CHEM/BIO/PHYS TREATMENT [ ] 7. LANDFARM [ ] 8. OPEN DUMP [ ] 9. TRANSPORTER [ ] 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

[ ] 1. LIQUID [X] 2. SOLID [X] 3. SLUDGE [ ] 4. GAS

B. WASTE CHARACTERISTICS

[ ] 1. CORROSIVE [X] 2. IGNITABLE [ ] 3. RADIOACTIVE [ ] 4. HIGHLY VOLATILE

[X] 5. TOXIC [X] 6. REACTIVE [ ] 7. INERT [ ] 8. FLAMMABLE

[ ] 9. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

No

 Continue On Reverse

Continued From Front

VII. WASTE RELATED INFORMATION (continued)

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT: 4,000,000(est)	AMOUNT: None	AMOUNT: None	AMOUNT: None	AMOUNT: None	AMOUNT: None
UNIT OF MEASURE: Cubic Feet	UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE:
X (1) PAINT, PIGMENTS	X (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) ACIDS	X (1) FLYASH	X (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL
X (5) OTHER (specify): Petroleum sludges, lube oil contractor clay, Separator sludge, petroleum coke			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify)
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify)		

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X') a. SOLID	b. LIQ.	c. VAPOR	3. TOXICITY (mark 'X') a. HIGH	b. MED.	c. LOW	d. NONE	4. CAS NUMBER	5. AMOUNT	6. UNIT
Petroleum sludges	X							None	Unknown	
Separator sludges	X							None	Unknown	

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

☐ A. HUMAN HEALTH HAZARDS

Continue On Page 5

Continued From Page 4

VIII. HAZARD DESCRIPTION (continued)

☐ B. NON-WORKER INJURY/EXPOSURE

☐ C. WORKER INJURY/EXPOSURE

☐ D. CONTAMINATION OF WATER SUPPLY

☐ E. CONTAMINATION OF FOOD CHAIN

☒ F. CONTAMINATION OF GROUND WATER

The potential for groundwater contamination exists; however, no records are available concerning groundwater monitoring from either Sun Refining and Marketing Co. or the Oklahoma State Department of Health.

☐ G. CONTAMINATION OF SURFACE WATER

Continue On Reverse

Continued From Front

VIII. HAZARD DESCRIPTION (continued)

☐ H. DAMAGE TO FLORA/FAUNA

☐ I. FISH KILL

☐ J. CONTAMINATION OF AIR

☐ K. NOTICEABLE ODORS

☐ L. CONTAMINATION OF SOIL

☐ M. PROPERTY DAMAGE

Continue On Page 7

Continued From Page 6

VIII. HAZARD DESCRIPTION *(continued)*

☐ N. FIRE OR EXPLOSION

☐ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

☐ P. SEWER, STORM DRAIN PROBLEMS

☐ Q. EROSION PROBLEMS

☐ R. INADEQUATE SECURITY

☐ S. INCOMPATIBLE WASTES

VIII. HAZARD DESCRIPTION (continued)

☐ T. MIDNIGHT DUMPING

☒ U. OTHER (specify): The site proper at Sun Refining & Marketing Co. is a 17.8-acre inactive landfill adjacent to the refinery on the west bank of the Arkansas River. The landfill is separated from the refinery by a levee which was constructed by the Corps of Engineers. The landfill was closed approximately 15 years ago, with clean-up operations occurring in 1969-1970. The clean-up was supervised by Sun Refining & Marketing Co. Clean-up operations consisted of dredging out the existing material down to clean soil and adding clean fill. Photographic documentation of the clean-up was reviewed by the FIT but remains in the custody of Sun Refining & Marketing Co. Sun is currently taking steps to improve the landfill area by planting seedlings. Hay bales have been placed in areas of the landfill for erosion control. The site has become feeding and nesting grounds for various migratory fowl. Other types of wildlife also frequent the area. There was no visible evidence of leaching or runoff from the landfill on February 22, 1984. The Environmental Coordinator at Sun Refining offered the FIT information on the clean-up procedures of the landfill and any groundwater monitoring occurring. He stated he would send it to the FIT as soon as posible. As of May 22, 1984, no such information has been received. George Myers, Environmental Coordinator, has been contacted on numerous occasions between March 7, 1984 and mid-May, requesting the clean-up and monitoring information. The Oklahoma State Department of Health was contacted in mid-March to obtain information concerning groundwater contamination and/or monitoring on site. The OSDH has no records pertaining to groundwater monitoring at this site.

(See Attachment A)

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS	250	250	60	1 mile
2. IN COMMERCIAL OR INDUSTRIAL AREAS	4000	4000	25	1 mile
3. IN PUBLICLY TRAVELLED AREAS	100	100	0	1 mile
4. PUBLIC USE AREAS (parks, schools, etc.)	400	400	2	1 mile

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit)	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
10 - 15 ft. +	North to Northeast	Community, industrial
D. POTENTIAL YIELD OF AQUIFER	**E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure)**	**F. DIRECTION TO DRINKING WATER SUPPLY**
20 - 80 GPM	2 MILES	East

G. TYPE OF DRINKING WATER SUPPLY

☐ 1. NON-COMMUNITY < 15 CONNECTIONS* ☒ 2. COMMUNITY (specify town): > 15 CONNECTIONS City of Tulsa, OK

☐ 3. SURFACE WATER ☒ 4. WELL

 Continue On Page 9

*Modern flood plain alluvium, 30 ft. thick (O.G.S. Map HA-2, 1980)

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COMMUNITY (mark 'X')	5. COMMUNITY (mark 'X')
None				

I. RECEIVING WATER

1. NAME: Arkansas River

☐ 2. SEWERS ☒ 3. STREAMS/RIVERS ☐ 4. LAKES/RESERVOIRS ☐ 5. OTHER (specify)

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

Beneficial uses include: Public and private H_2O supply (conditional) cooling water recreation (conditions) aesthetics.

XI. SOIL AND VEGITATION DATA

LOCATION OF SITE IS IN:

☐ A. KNOWN FAULT ZONE ☐ B. KARST ZONE ☒ C. 100 YEAR FLOOD PLAIN ☐ D. WETLAND

☐ E. A REGULATED FLOODWAY ☐ F. CRITICAL HABITAT ☒ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

'X'	A. OVERBURDEN	'X'	B. BEDROCK (specify below)	'X'	C. OTHER (specify below)
X	1. SAND				
X	2. CLAY	X	Shale		
X	3. GRAVEL				

XIII. SOIL PERMEABILITY

☐ A. UNKNOWN ☐ B. VERY HIGH (100,000 to 1000 cm/sec.) ☐ C. HIGH (1000 to 10 cm/sec.)

☒ D. MODERATE (10 to .1 cm/sec.) ☐ E. LOW (.1 to .001 cm/sec.) ☐ F. VERY LOW (.001 to .0001 cm/sec.)

G. RECHARGE AREA

☒ 1. YES ☐ 2. NO 3. COMMENTS: The coarse sand and gravel of the area makes this a shallow recharge zone.

H. DISCHARGE AREA

☐ 1. YES ☒ 2. NO 3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE: <1%

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.: East

J. OTHER GEOLOGICAL DATA

The site is situated atop deep, nearly level soils over recent alluvial deposits on high bottom lands that flood rarely. Approx. 30-60' below the site lies the Seminole Formation. The Seminole is a shale and sandstone unit and is not a major aquifer.

Continue On Reverse

Continued From Front

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (Mark 'X')		
					1. YES	2. NO	3. UNKNOWN
None							

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

☒ NONE ☐ YES *(summarize in this space)*

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition *(Section II)* information on the first page of this form.

ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form T2070-3.

Corresponding number on form	Additional Remark and/or Explanation
VIII U	Based upon existing circumstances, the FIT recommends that a sampling inspection be performed at the site to determine the presence of contaminants in the groundwater. George Myers had stated that the wells situated on the premises are utilized for the oil recovery system. Samples should be taken from approximately ten (10) monitoring wells in the landfill area which are beyond the refinery boundaries; soils at shallow depths (3 - 4') in the landfill perimeter and from the Arkansas River adjacent to the landfarm. Specific wells to be sampled will be determined upon return to the site. In addition, background environmental samples will be taken for comparison.

LANDFILLS SITE INSPECTION REPORT
(Supplemental Report)

OK 1911

INSTRUCTION
Answer and Explain as Necessary.

1. EVIDENCE OF SITE INSTABILITY (Erosion, Settling, Side Hollows, etc)
☒ YES ☐ NO Correctional controls in place

2. EVIDENCE OF IMPROPER DISPOSAL OF BULK LIQUIDS, SEMI-SOLIDS AND SLUDGES INTO THE LANDFILL
☐ YES ☒ NO

3. CHECK RECORDS OF CELL LOCATION AND CONTENTS AND BENCHMARK
☐ YES ☒ NO

4. WASTES SURROUNDED BY SORBENT MATERIAL
☐ YES ☒ NO

5. DIVERSION STRUCTURES ARE EFFECTIVELY CONSTRUCTED AND PROPERLY MAINTAINED
☐ YES ☐ NO N/A

6. EVIDENCE OF PONDING OF WATER ON SITE
☐ YES ☒ NO

7. EVIDENCE OF IMPROPER/INADEQUATE DRAINING
☐ YES ☒ NO

8. ADEQUATE LEACHATE COLLECTION SYSTEM (If "Yes", specify Type)
☐ YES ☒ NO No system

8a. SURFACE LEACHATE SPRING
☐ YES ☒ NO

9. RECORDS OF LEACHATE ANALYSIS
☐ YES ☒ NO

10. GAS MONITORING
☐ YES ☒ NO

11. GROUNDWATER MONITORING WELLS
☒ YES ☐ NO

12. ARTIFICIAL MEMBRANE LINER INSTALLED
☐ YES ☒ NO

13. SPECIFIC CONTAINMENT MEASURES (Clay Sorbent, Slurry, etc)
☐ YES ☒ NO

14. FIXATION (Stabilization) OF WASTE
☐ YES ☒ NO

15. ADEQUATE CLOSURE OF INACTIVE PORTION OF FACILITY
☒ YES ☐ NO See note in #16 c below

16. COVER (Type)
Native soils

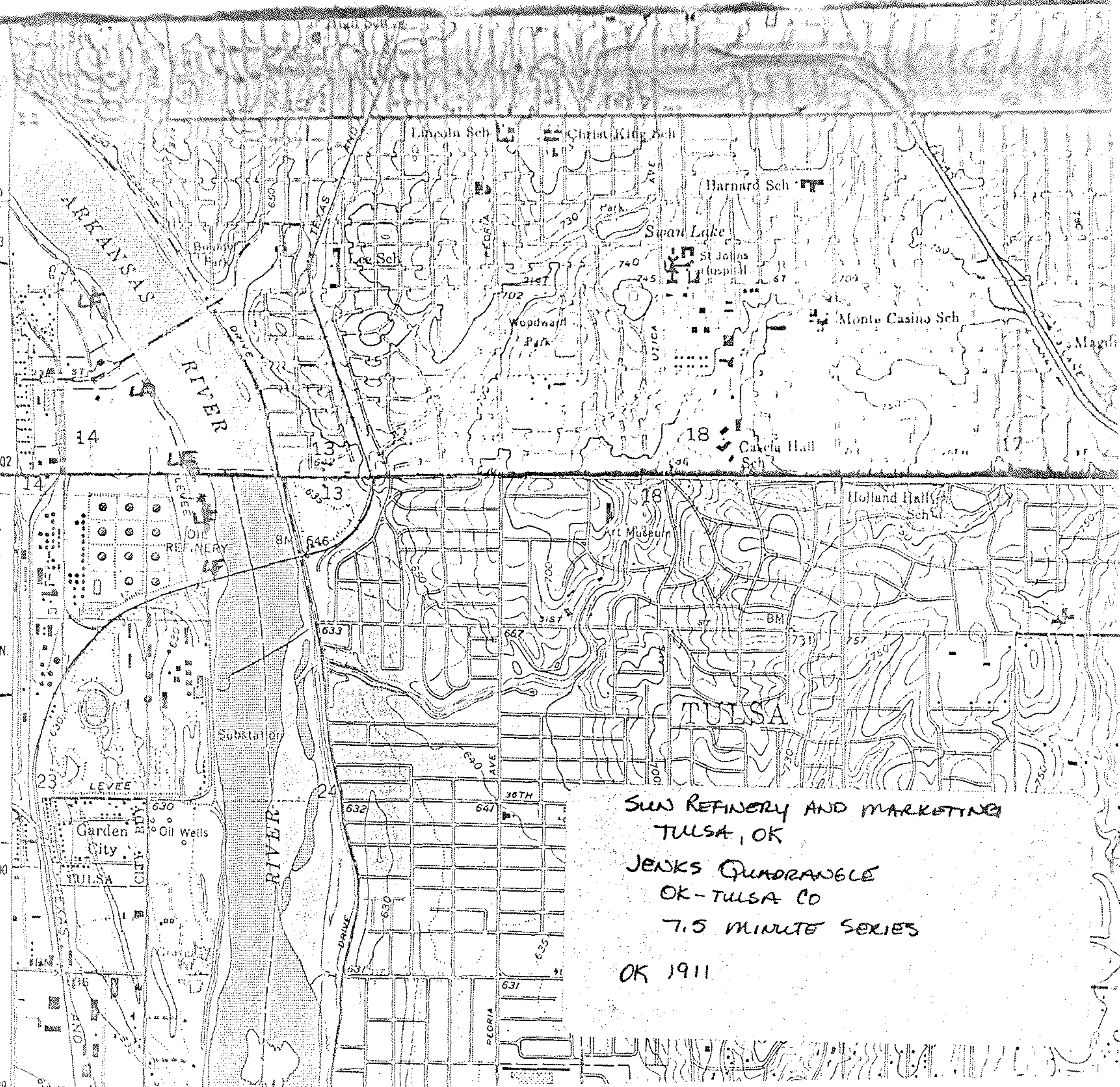
16a. THICKNESS
18-36"

16b. PERMEABILITY
Moderate

16c. DAILY APPLICATION
☐ YES ☒ NO

Landfill has been closed out for almost 15 years. Cleanup occurred in 1969-70. Area has recently been "beautified" by Sun Refining & Marketing Co.

SUN REFINERY
AND MARKETING

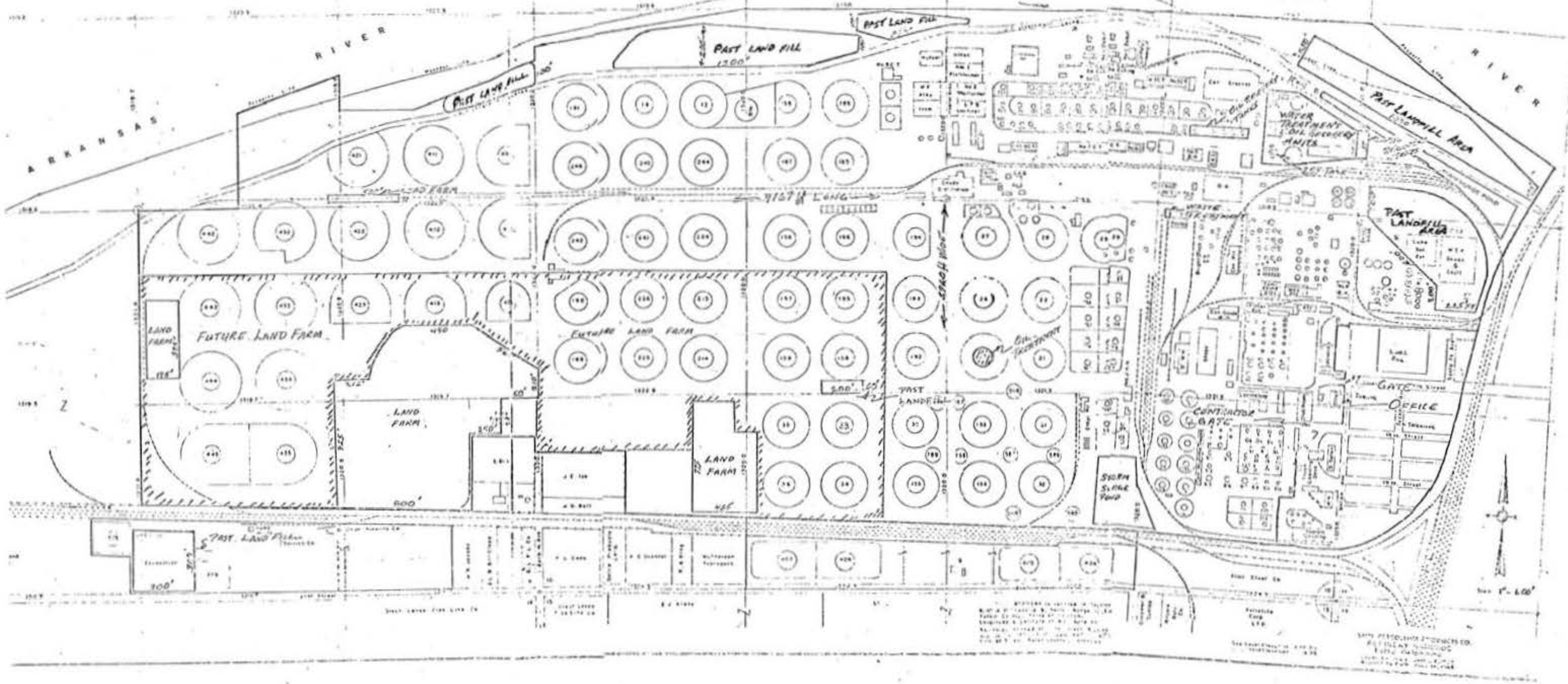


SUN REFINERY AND MARKETING
TULSA, OK

JENKS QUADRANGLE
OK - TULSA CO
7.5 MINUTE SERIES

OK 1911

SUN REFINING AND MARKETING COMPANY
TULSA, OK
OK 1911



RECEIPT FOR RECORDS

United States Environmental Protection Agency

EPA

J. PAUL OKEE PE REG VI - PIT (Name & Title of EPA Representative)

22 FEB 84 (Date)

(Signature)

Description of Documents Collected

(Description of letters should include the date and names of addressee and sender; description of records should include title, date, and if signed, the name of person signing.)

11 x 24 Xerox copy of plant layout showing old landfills.

J.

Acknowledgement of Facility Representative

The undersigned acknowledges that copies of the documents described above have been collected.

Chief Environmental Engineer (Name & Title of Facility Representative)

George Myers (Signature)

Sun Refining And Marketing Co. P.O. Box 2039 Tulsa OK 74102 (Facility Name and Address)

DISTRIBUTION: One copy to Facility Representative
One copy for Inspector's Records
Original to Regional Office (6ASASC)

Sidney G Cabbiness
Environmental Group
Tulsa Refinery

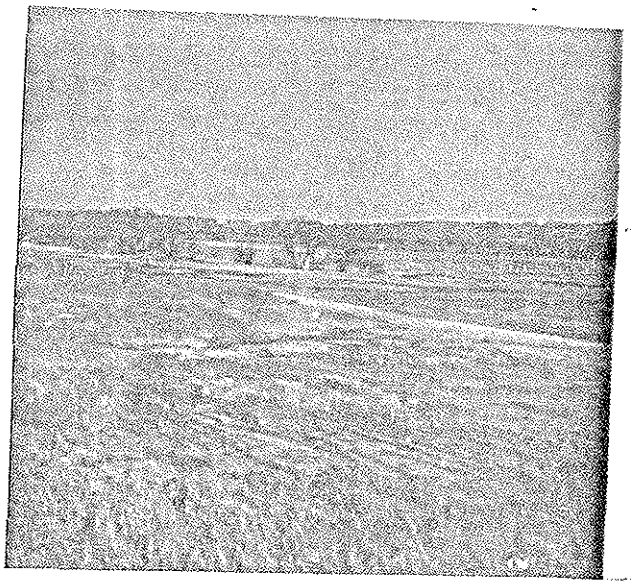
Sun Refining and
Marketing Company
PO Box 2039
Tulsa OK 74102
918 586 7574

George Myers
Environmental Coordinator
Tulsa Refinery

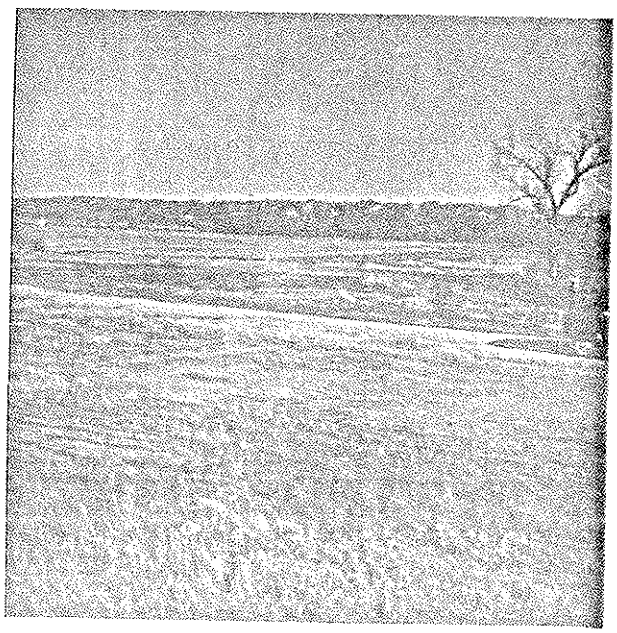
Sun Refining
and Marketing Company
Box 2039
Tulsa Oklahoma 74102
918 586 7374

Sun Refining and Marketing Co.
TULSA, OK
OK 1911

Photographer / Witness
J. Paul Oxer / Suzanne Cantor
Date / Time / Direction
2-22-84 / 9:45 / ~~WEST~~ NORTH SRC
Comments: Panorama of landfill.



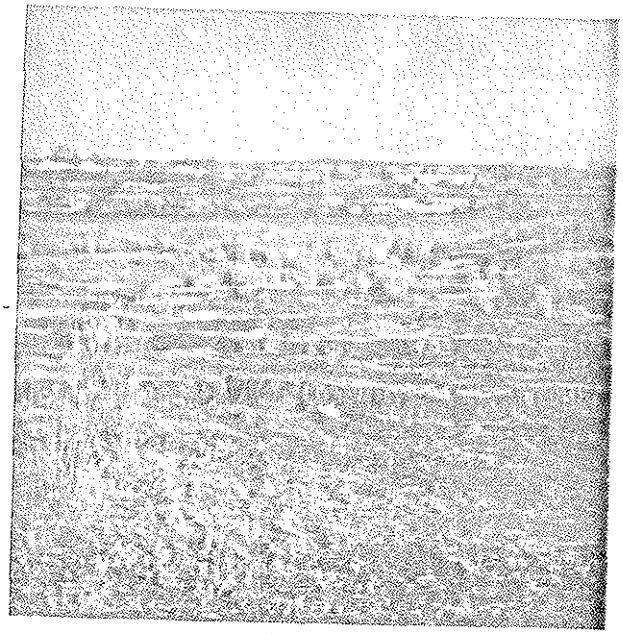
Photographer / Witness
J. Paul Oxer / Suzanne Cantor
Date / Time / Direction
2-22-84 / 10:00 / ~~WEST~~ NORTH EAST SRC
Comments: Landfill with erosion controls in place.



Photographer / Witness
J. Paul Oxer / Suzanne Cantor
Date / Time / Direction
2-22-84 / 10:07 / ~~WEST~~ EAST SRC
Comments: Landfill with erosion controls in place.

#5

Sun Refining & Marketing Co.
Tulsa, OK
OK 1911



#4

Photographer / Witness

J. Paul Oxer / Suzanne Cantor

Date / Time / Direction

2-22-84 / 10:02 / EAST ~~WEST~~ SE

Comments: Landfill with erosion controls.

Photographer / Witness

Date / Time / Direction

Comments:

Photographer / Witness

Date / Time / Direction

Comments: